TEST REPORT OF FINE AGGREGATE

Lab ID : **CP-2017-06-26-10** **Date: 29-06-17**

Sample ID No : 2017-06-26-10-03

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.5	–
2	Specific Gravity	2.59	–
3	Material finer than 75 micron(%)	4.9	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

Note:
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All information furnished by Customer/Representative
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Samples will be disposed after 30 days from the date of issue of test certificate

AE-12

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಬಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಮೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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R.KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2017-07-07-01** **Date: 10/07/2017**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to Road & Drain at Jarakabande Kaval Slum in Ward no.12 Shettyhalli Sub Division.

Agency : Sri.N.Shivananda, No.35, 2nd cross, 1st A Main Road, Defiance Colony, Bagalagunte, Bangalore.

Customer's Reference : EE/DD/WO/112/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 07-07-17

Sample ID No : 2017-07-07-01-01

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M20	03/07/2017	10/07/2017	150.42 X 150.54 X 150.45	22644	8.312	389.5	17.2	17.2
2	PCC	M20	03/07/2017	10/07/2017	150.42 X 150.54 X 150.45	22644	8.331	398.5	17.6	
3	PCC	M20	03/07/2017	10/07/2017	150.32 X 150.54 X 150.35	22629	8.345	380.2	16.8	

Note:

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ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಮಲ್ಲೇಶ್ವರಂ

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****End of Report****

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CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2017-07-07-01** **Date: 31/07/2017**

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to Road & Drain at Jarakabande Kaval Slum in Ward no.12 Shettyhalli Sub Division.

Agency : Sri.N.Shivananda, No.35, 2nd cross, 1st A Main Road, Defiance Colony, Bagalagunte, Bangalore.

Customer's Reference : EE/DD/WO/112/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 07-07-17

Sample ID No : 2017-07-07-01-02

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 31/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M20	03/07/2017	31/07/2017	150.42 X 150.54 X 150.45	22644	8.312	480.1	21.2	21.2
2	PCC	M20	03/07/2017	31/07/2017	150.42 X 150.54 X 150.45	22644	8.331	486.9	21.5	
3	PCC	M20	03/07/2017	31/07/2017	150.32 X 150.54 X 150.35	22629	8.345	472.9	20.9	

Note:

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Quality Manager

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CP/TF/01

TEST RESULTS OF STEEL

Lab ID	:	**CP-2017-06-27-03**
Customer	:	Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address	:	Shettyhalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Road & Drain at Jarakabande Kaval Slum in Ward no.12 Shettyhalli Sub Division.
Agency	:	Sri.N.Shivananda, No.35, 2nd cross, 1st A Main Road, Defiance Colony, Bagalagunte, Bangalore.
Customer's Reference	:	EE/DD/WO/112/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-06-17
Sample ID No	:	2017-06-27-03-01
Sample Type	:	JSW
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	27-06-17

Date: 28-06-17

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	JSW	Fe500	8	0.392	562	676	20.0%	Satisfactory	Satisfactory
2	JSW	Fe500	10	0.612	579	690	19.5%	Satisfactory	Satisfactory

Note:

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